RADIO STATION WMS

The Voice of Williams College

BAXTER HALL WILLIAMSTOWN, MASS.

Feb. 23, 1955

President, Radio Station of Smith College Smith College Northampton, Mass.

Dear Madam,

As you may know already, WMS is using the 220 volt AC power lines for its transmission system. This meant running lines to every dorm, group of dorms, and fraternity house on theer own transformer. Because of the distances involved, this has been inpracticle and inefficient.

Consequently, we are about to try to use the 2200 volt lines in a manner similar to your set-up. This will be done here on a trial basis here at first.

There have been, however, some objections raised by the college which are listed below. We would like from the Smith radio station a brief description of the experience they have had in these problems to satisfy the college:

- 1. The installation would be impracticel because of noisy AC power lines,
- Installation would adversely affect TV sets,Installation would adversely affect radios.
- 4. Would adversely affect timing and heating controls,
- 5. Would adversely affect electronic business machines,
- 6. The cost of traps and filters would be excessive,
- 7. Other customers of the Northern Berkshime Electric Co. in the area might be affected which would create a public relations problem for the college.

I would like to hear about any difficulties you have had on the above problems. We would also like to find out how the the final stage of the transmitter is connected to the power lines.

I hope that this is not asking too much. Your reply will be shown to the college as an indication of the problems of your installation.

Sincerely yours,

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Engineering Director

650 ON YOUR DIAL

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